What Is Claimed Is:

1. A disk array device, comprising:

a chassis;

a plurality of logic boards, which detachably mounted on said chassis, and which can be connected respectively to a plurality of external devices via a plurality of cables;

a rail portion, which is disposed on said chassis parallel to the direction in which said logic boards are arranged; and

a plurality of cable supporting portions, which are movably disposed on said rail portion in accordance with the number of said logic boards, and which detachably support said cables, and

said cable supporting portions are constituted so as to be able to support said cables in said logic board units.

2. The disk array device according to Claim 1, wherein said cable supporting portions comprise a plurality of slots capable of accommodating a plurality of kinds of cables, the external dimensions of which differ respectively.

3. The disk array device according to Claim 1, wherein said cable supporting portions comprise a plurality

of slots, in which a plurality of cables connected to the same logic board can be accommodated respectively.

4. The disk array device according to Claim 1, wherein said cable supporting portions comprise an approximately cylindrical main body, a plurality of slots disposed by being circumferentially spaced on the main body, and a mounting portion for movably mounting said main body to said rail portion.

5. The disk array device according to any of Claim 2 through Claim 4 comprising a fixing portion for fixing said cables, which are respectively accommodated in said slots.

6. The disk array device according to Claim 1, wherein through-holes for passing said cables, which are supported by said cable supporting portions, through to the lower part of said chassis, are provided, and said through-holes are formed so as to allow said cables to move in accordance with the movement of said cable supporting portions.

7. The disk array device according to Claim 6, wherein said through-holes can variably adjust the opening area in accordance with the amount of movement of said cables.

8. The disk array device according to Claim 1, wherein said rail portion is positioned in the vicinity of

the underside of said logic boards, and is disposed so as not to interfere with the attachment and detachment of other members.

9. The disk array device according to Claim 1, wherein, of said cables, the cables which are connected to the lowermost ends of said logic boards are connected to said logic boards respectively such that a preset, predetermined allowable bending radius can be maintained.

10. A disk array device, comprising:

a chassis;

a door portion, which covers the opening face in said chassis in a freely opening and closing condition;

a plurality of channel adapter boards, which are detachably mounted on the approximately middle portion of said chassis in the vertical direction, and a connecting face with a host device is positioned more on the inner side than at the opening face in said chassis;

a plurality of cables, the one ends of which are connected to said connecting faces of said channel adapter boards, and the other ends of which are connected to said host device;

at the least one or more kinds of functional components, which are positioned on the underside of said

channel adapter boards, and detachably mounted on said chassis;

a rail portion, which is positioned more on the underside than in the mounting locations of said channel adapter boards so as not to interfere with the attaching and detaching of said functional components, and which is disposed on said chassis parallel to the direction in which said channel adapter boards are arranged;

a plurality of cable supporting portions, which are movably disposed on said rail portion in accordance with the number of said channel adapter boards, and which support said cables in a detachable condition in units of said channel adapter boards; and

through-holes, which are disposed on the lower part of said chassis for allowing said cables supported by said cable supporting portions to pass through, and which enable said cables to move in accordance with the movement of said cable supporting portions, and

each said cable supporting portion comprises:

an approximately cylindrical main body;

a plurality of slots, which are disposed by being circumferentially spaced on the main body, and which are capable of housing either one or a plurality of a plurality

of types of cables each having different external dimensions;

a mounting portion for movably mounting said main body on said rail portion in a non-rotatable state; and

a fixing portion for fixing said cables accommodated in said respective slots by being wrapped around the outer side of said main body.

11. A method for supporting said cables in a disk array device comprising a plurality of logic boards, which are detachably mounted on a chassis, and which can be connected respectively to a plurality of external devices via a plurality of cables, said disk array device cable support method movably disposing a plurality of cable supporting portions more on the underside than in the mounting locations of said logic boards, parallel to the direction in which said logic boards are arranged, and detachably supporting said cables respectively in said cable supporting portions in said logic board units.